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TECH CENTER 1600/2900

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/017,995

DATE: 01/02/2002
TIME: 11:33:32

Input Set : A:\C10377025.txt
Output Set: N:\CRF3\01022002\J017995.raw

```
 4 <110> APPLICANT: Bratzler, Robert L.
 7 <120> TITLE OF INVENTION: Inhibition of Angiogenesis by Nucleic Acids
10 <130> FILE REFERENCE: C1037/7025 (HCL/MAT)
12 <140> CURRENT APPLICATION NUMBER: US/10/017,995   C-->
12 <141> CURRENT FILING DATE: 2001-12-18   C-->
12 <150> PRIOR APPLICATION NUMBER: US 60/255,534
13 <151> PRIOR FILING DATE: 2000-12-14
15 <160> NUMBER OF SEQ ID NOS: 1093
17 <170> SOFTWARE: FastSEQ for Windows Version 3.0
19 <210> SEQ ID NO: 1
20 <211> LENGTH: 18
21 <212> TYPE: DNA
22 <213> ORGANISM: Artificial Sequence
24 <220> FEATURE:
25 <223> OTHER INFORMATION: Synthetic Sequence
27 <400> SEQUENCE: 1                                              18
28  tctcccagcg tgcgccat
30 <210> SEQ ID NO: 2
31 <211> LENGTH: 20
32 <212> TYPE: DNA
33 <213> ORGANISM: Artificial Sequence
35 <220> FEATURE:
36 <223> OTHER INFORMATION: Synthetic Sequence
38 <400> SEQUENCE: 2                                              20
39  ataatccagc ttgaaccaag
41 <210> SEQ ID NO: 3
42 <211> LENGTH: 20
43 <212> TYPE: DNA
44 <213> ORGANISM: Artificial Sequence
46 <220> FEATURE:
47 <223> OTHER INFORMATION: Synthetic Sequence
49 <400> SEQUENCE: 3                                              20
50  ataatcgacg ttcaagcaag
52 <210> SEQ ID NO: 4
53 <211> LENGTH: 18
54 <212> TYPE: DNA
55 <213> ORGANISM: Artificial Sequence
57 <220> FEATURE:
58 <223> OTHER INFORMATION: Synthetic Sequence
60 <400> SEQUENCE: 4                                              18
61  taccgcgtgc gaccctct
63 <210> SEQ ID NO: 5
64 <211> LENGTH: 9
65 <212> TYPE: DNA
66 <213> ORGANISM: Artificial Sequence
68 <220> FEATURE:
69 <223> OTHER INFORMATION: Synthetic Sequence
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ENTERED

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Input Set : A:\C10377025.txt
Output Set: N:\CRF3\01022002\J017995.raw

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 71 <400> SEQUENCE: 5                                              9
 72  ggggagggt
 74 <210> SEQ ID NO: 6
 75 <211> LENGTH: 9
 76 <212> TYPE: DNA
 77 <213> ORGANISM: Artificial Sequence
 79 <220> FEATURE:
 80 <223> OTHER INFORMATION: Synthetic Sequence
 82 <400> SEQUENCE: 6                                              9
 83  ggggagggg
 85 <210> SEQ ID NO: 7
 86 <211> LENGTH: 9
 87 <212> TYPE: DNA
 88 <213> ORGANISM: Artificial Sequence
 90 <220> FEATURE:
 91 <223> OTHER INFORMATION: Synthetic Sequence
 93 <400> SEQUENCE: 7                                              9
 94  ggtgaggtg
 96 <210> SEQ ID NO: 8
 97 <211> LENGTH: 20
 98 <212> TYPE: DNA
 99 <213> ORGANISM: Artificial Sequence
101 <220> FEATURE:
102 <221> NAME/KEY: modified_base
103 <222> LOCATION: (8)...(8)
104 <223> OTHER INFORMATION: m5c
106 <223> OTHER INFORMATION: Synthetic Sequence
108 <400> SEQUENCE: 8                                             20
109  tccatgtngt tcctgatgct
111 <210> SEQ ID NO: 9
112 <211> LENGTH: 15
113 <212> TYPE: DNA
114 <213> ORGANISM: Artificial Sequence
116 <220> FEATURE:
117 <221> NAME/KEY: modified_base
118 <222> LOCATION: (11)...(11)
119 <223> OTHER INFORMATION: m5c
121 <223> OTHER INFORMATION: Synthetic Sequence
123 <400> SEQUENCE: 9                                             15
124  gctaccttag ngtga
126 <210> SEQ ID NO: 10
127 <211> LENGTH: 20
128 <212> TYPE: DNA
129 <213> ORGANISM: Artificial Sequence
131 <220> FEATURE:
132 <221> NAME/KEY: modified_base
133 <222> LOCATION: (8)...(8)
134 <223> OTHER INFORMATION: m5c
136 <223> OTHER INFORMATION: Synthetic Sequence
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RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/017,995

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```
138 <400> SEQUENCE: 10                                          20
139   tccatgangt tcctgatgct
141 <210> SEQ ID NO: 11
142 <211> LENGTH: 20
143 <212> TYPE: DNA
144 <213> ORGANISM: Artificial Sequence
146 <220> FEATURE:
147 <221> NAME/KEY: modified_base
148 <222> LOCATION: (13)...(13)
149 <223> OTHER INFORMATION: m5c
151 <223> OTHER INFORMATION: Synthetic Sequence
153 <400> SEQUENCE: 11                                          20
154   tccatgacgt tcntgatgct
156 <210> SEQ ID NO: 12
157 <211> LENGTH: 15
158 <212> TYPE: DNA
159 <213> ORGANISM: Artificial Sequence
161 <220> FEATURE:
162 <221> NAME/KEY: modified_base
163 <222> LOCATION: (7)...(7)
164 <223> OTHER INFORMATION: m5c
166 <223> OTHER INFORMATION: Synthetic Sequence
168 <400> SEQUENCE: 12                                          15
169   gctagangtt agtgt
171 <210> SEQ ID NO: 13
172 <211> LENGTH: 19
173 <212> TYPE: DNA
174 <213> ORGANISM: Artificial Sequence
176 <220> FEATURE:
177 <223> OTHER INFORMATION: Synthetic Sequence
179 <400> SEQUENCE: 13                                          19
180   agctccatgg tgctcactg
182 <210> SEQ ID NO: 14
183 <211> LENGTH: 20
184 <212> TYPE: DNA
185 <213> ORGANISM: Artificial Sequence
187 <220> FEATURE:
188 <223> OTHER INFORMATION: Synthetic Sequence
190 <400> SEQUENCE: 14                                          20
191   ccacgtcgac cctcaggcga
193 <210> SEQ ID NO: 15
194 <211> LENGTH: 20
195 <212> TYPE: DNA
196 <213> ORGANISM: Artificial Sequence
198 <220> FEATURE:
199 <223> OTHER INFORMATION: Synthetic Sequence
201 <400> SEQUENCE: 15                                          20
202   gcacatcgtc ccgcagccga
204 <210> SEQ ID NO: 16
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205 <211> LENGTH: 19
206 <212> TYPE: DNA
207 <213> ORGANISM: Artificial Sequence
209 <220> FEATURE:
210 <223> OTHER INFORMATION: Synthetic Sequence
212 <400> SEQUENCE: 16                                              19
213  gtcactcgtg gtacctcga
215 <210> SEQ ID NO: 17
216 <211> LENGTH: 25
217 <212> TYPE: DNA
218 <213> ORGANISM: Artificial Sequence
220 <220> FEATURE:
221 <223> OTHER INFORMATION: Synthetic Sequence
223 <400> SEQUENCE: 17                                              25
224  gttggataca ggccagactt tgttg
226 <210> SEQ ID NO: 18
227 <211> LENGTH: 25
228 <212> TYPE: DNA
229 <213> ORGANISM: Artificial Sequence
231 <220> FEATURE:
232 <223> OTHER INFORMATION: Synthetic Sequence
234 <400> SEQUENCE: 18                                              25
235  gattcaactt gcgctcatct taggc
237 <210> SEQ ID NO: 19
238 <211> LENGTH: 24
239 <212> TYPE: DNA
240 <213> ORGANISM: Artificial Sequence
242 <220> FEATURE:
243 <223> OTHER INFORMATION: Synthetic Sequence
245 <400> SEQUENCE: 19                                              24
246  accatggacg aactgtttcc cctc
248 <210> SEQ ID NO: 20
249 <211> LENGTH: 24
250 <212> TYPE: DNA
251 <213> ORGANISM: Artificial Sequence
253 <220> FEATURE:
254 <223> OTHER INFORMATION: Synthetic Sequence
256 <400> SEQUENCE: 20                                              24
257  accatggacg agctgtttcc cctc
259 <210> SEQ ID NO: 21
260 <211> LENGTH: 24
261 <212> TYPE: DNA
262 <213> ORGANISM: Artificial Sequence
264 <220> FEATURE:
265 <223> OTHER INFORMATION: Synthetic Sequence
267 <400> SEQUENCE: 21                                              24
268  accatggacg acctgtttcc cctc
270 <210> SEQ ID NO: 22
271 <211> LENGTH: 24
```

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272 <212> TYPE: DNA
273 <213> ORGANISM: Artificial Sequence
275 <220> FEATURE:
276 <223> OTHER INFORMATION: Synthetic Sequence
278 <400> SEQUENCE: 22                                              24
279  accatggacg tactgtttcc cctc
281 <210> SEQ ID NO: 23
282 <211> LENGTH: 24
283 <212> TYPE: DNA
284 <213> ORGANISM: Artificial Sequence
286 <220> FEATURE:
287 <223> OTHER INFORMATION: Synthetic Sequence
289 <400> SEQUENCE: 23                                              24
290  accatggacg gtctgtttcc cctc
292 <210> SEQ ID NO: 24
293 <211> LENGTH: 24
294 <212> TYPE: DNA
295 <213> ORGANISM: Artificial Sequence
297 <220> FEATURE:
298 <223> OTHER INFORMATION: Synthetic Sequence
300 <400> SEQUENCE: 24                                              24
301  accatggacg ttctgtttcc cctc
303 <210> SEQ ID NO: 25
304 <211> LENGTH: 25
305 <212> TYPE: DNA
306 <213> ORGANISM: Artificial Sequence
308 <220> FEATURE:
309 <223> OTHER INFORMATION: Synthetic Sequence
311 <400> SEQUENCE: 25                                              25
312  ccactcacat ctgctgctcc acaag
314 <210> SEQ ID NO: 26
315 <211> LENGTH: 25
316 <212> TYPE: DNA
317 <213> ORGANISM: Artificial Sequence
319 <220> FEATURE:
320 <223> OTHER INFORMATION: Synthetic Sequence
322 <400> SEQUENCE: 26                                              25
323  acttctcata gtccctttgg tccag
325 <210> SEQ ID NO: 27
326 <211> LENGTH: 20
327 <212> TYPE: DNA
328 <213> ORGANISM: Artificial Sequence
330 <220> FEATURE:
331 <223> OTHER INFORMATION: Synthetic Sequence
333 <400> SEQUENCE: 27                                              20
334  tccatgagct tcctgagtct
336 <210> SEQ ID NO: 28
337 <211> LENGTH: 20
338 <212> TYPE: DNA
```

Use of n and/or Xaa has been detected in the Sequence Listing.
Review the Sequence Listing to insure a corresponding
explanation is presented in the <220> to <223> fields of
each sequence using n or Xaa.

VERIFICATION SUMMARY
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Input Set : A:\C10377025.txt
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L:12 M:270 C: Current Application Number differs, Replaced Current Application No
L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:109 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8
L:124 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9
L:139 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10
L:154 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11
L:169 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:12
L:357 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:28
L:380 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:29
L:593 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:48
L:1041 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:88
L:1056 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:89
L:1332 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:113
L:2062 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:179
L:2077 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:180
L:2551 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:222
L:2868 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:249
L:2902 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:251
L:3269 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:284
L:3317 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:288
L:3352 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:289
L:3533 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:304
L:3644 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:313
L:3894 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:335
L:3913 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:336
L:3928 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:337
L:3943 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:338
L:4135 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:354
L:4195 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:358
L:4835 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:414
L:7983 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:698
L:8086 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:707
L:8112 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:709
L:8127 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:710
L:8333 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:728
L:8348 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:729
L:8363 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:730
L:8378 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:731
L:8393 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:732
L:8713 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:760
L:8739 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:762
L:8754 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:763
L:8777 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:764
L:9179 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:798
L:9209 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:800
L:9228 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:801
L:9247 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:802
L:9266 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:803

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TIME: 11:33:33

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L:11485 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1001
L:11907 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1039
L:12102 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1056